

STN Columbus

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
 NEWS 3 JAN 16 CA/CAplus Company Name Thesaurus enhanced and reloaded
 NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
 NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
 NEWS 6 JAN 22 CA/CAplus updated with revised CAS roles
 NEWS 7 JAN 22 CA/CAplus enhanced with patent applications from India
 NEWS 8 JAN 29 PHAR reloaded with new search and display fields
 NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
 NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
 NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records
 NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
 NEWS 13 FEB 26 MEDLINE reloaded with enhancements
 NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
 NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
 NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
 NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
 NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
 NEWS 19 MAR 16 CASREACT coverage extended
 NEWS 20 MAR 20 MARPAT now updated daily
 NEWS 21 MAR 22 LWPI reloaded
 NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
 NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN
 NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN

 NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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STRUCTURE FILE UPDATES: 26 APR 2007 HIGHEST RN 933069-51-3
DICTIONARY FILE UPDATES: 26 APR 2007 HIGHEST RN 933069-51-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> e benecosanol/cn
E1      1      BENECOAT BMI 40L/CN
E2      1      BENECORT BMI 60/CN
E3      0 ---> BENECOSANOL/CN
E4      1      BENEDORM/CN
E5      1      BENEDYNE/CN
E6      1      BENEFAT/CN
E7      1      BENEFAT D/CN
E8      1      BENEFEX/CN
E9      1      BENEFIBER/CN
E10     1      BENEFIBER RESOURCE ORANGE JUICE DRINK/CN
E11     1      BENEFIBRE/CN
E12     1      BENEFIN/CN
```

```
=> file merck
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          0.45          0.66
```

FILE 'MRCK' ENTERED AT 18:35:52 ON 27 APR 2007
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FILE COVERS FROM LATE 19TH CENTURY TO PRESENT. LAST UPDATE: OCTOBER 2005

THE MERCK INDEX ONLINE is a service mark of Merck & Co., Inc., Whitehouse Station, NJ, USA and is registered in the United States Patent and Trademark Office.

```
=> e benecosanol
E1      2      BENECEL/BI
E2      1      BENECKE/BI
E3      0 ---> BENECOSANOL/BI
E4      9      BENEDETTI/BI
E5      9      BENEDICT/BI
E6      1      BENEDICTUS/BI
E7      2      BENEDIKT/BI
E8      1      BENEDORM/BI
E9      1      BENEFEX/BI
E10     5      BENEFICIAL/BI
E11     1      BENEFIEL/BI
E12     1      BENEFIN/BI
```

```
=> s benecosanol
L1      0 BENECOSANOL
```

```
=> file medline
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          0.32          0.98
```

FILE 'MEDLINE' ENTERED AT 18:36:28 ON 27 APR 2007

FILE LAST UPDATED: 27 Apr 2007 (20070427/UP). FILE COVERS 1950 TO DATE.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s benecosanol
```

L2 0 BENECOSANOL
=> s policosanol
L3 120 POLICOSANOL

=> s rice bran wax
13543 RICE
2535 BRAN
5238 WAX
L4 1 RICE BRAN WAX
(RICE(W)BRAN(W)WAX)

=> d

L4 ANSWER 1 OF 1 MEDLINE on STN

Full Text

AN 2006657278 IN-PROCESS
DN PubMed ID: 17090480
TI Amended final report on the safety assessment of Oryza Sativa (rice) Bran Oil, Oryza Sativa (rice) Germ Oil, Rice Bran Acid, Oryza Sativa (rice) Bran Wax, Hydrogenated Rice Bran Wax, Oryza Sativa (rice) Bran Extract, Oryza Sativa (rice) Extract, Oryza Sativa (rice) Germ Powder, Oryza Sativa (rice) Starch, Oryza Sativa (rice) Bran, Hydrolyzed Rice Bran Extract, Hydrolyzed Rice Bran Protein, Hydrolyzed Rice Extract, and Hydrolyzed Rice Protein.
AU Anonymous
SO International journal of toxicology, (2006) Vol. 25 Suppl 2, pp. 91-120.
Journal code: 9708436. ISSN: 1091-5818.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS NONMEDLINE; IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 9 Nov 2006
Last Updated on STN: 11 Apr 2007

=> file ca
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.95 1.93

FILE 'CA' ENTERED AT 18:37:31 ON 27 APR 2007
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FILE COVERS 1907 - 26 Apr 2007 VOL 146 ISS 19
FILE LAST UPDATED: 26 Apr 2007 (20070426/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s benecosanol/ab,bi
0 BENECOSANOL/AB
0 BENECOSANOL/BI
L5 0 BENECOSANOL/AB, BI

=> s rice bran wax/ab,bi

75726 RICE/AB
14603 BRAN/AB
65301 WAX/AB
77 RICE BRAN WAX/AB
((RICE(W)BRAN(W)WAX)/AB)
87600 RICE/BI
17992 BRAN/BI
80097 WAX/BI
125 RICE BRAN WAX/BI
((RICE(W)BRAN(W)WAX)/BI)
L6 125 RICE BRAN WAX/AB, BI

=> s policosanol/ab,bi
173 POLICOSANOL/AB
206 POLICOSANOL/BI
L7 206 POLICOSANOL/AB, BI

=> s 16 and 17
L8 3 L6 AND L7

=> d 1-3

L8 ANSWER 1 OF 3 CA COPYRIGHT 2007 ACS on STN

Full Text

AN 143:353369 CA
TI Policosanol composition and its use in treatment of hypercholesterolemia
IN Lahl, William J.
PA Marcor Development Corporation, USA; Shanghai Freemen International
Trading Co., Ltd.
SO U.S. Pat. Appl. Publ., 4 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 2005220868 A1 20051006 US 2004-813017 20040331
PRAI US 2004-813017 20040331

L8 ANSWER 2 OF 3 CA COPYRIGHT 2007 ACS on STN

Full Text

AN 134:198116 CA
TI Pharmaceutical composition for reducing serum cholesterol levels
comprising phytosterol and policosanol
IN Sorkin, Harlan Lee, Jr.
PA USA
SO U.S., 3 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 6197832 B1 20010306 US 1999-395524 19990914
US 2001034338 A1 20011025 US 2001-789150 20010220
PRAI US 1999-395524 A1 19990914
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 3 CA COPYRIGHT 2007 ACS on STN

Full Text

AN 131:149329 CA
TI Composition for reducing serum cholesterol levels
IN Sorkin, Harlan Lee, Jr.
PA USA
SO PCT Int. Appl., 10 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 9940922	A1	19990819	WO 1999-US3003	19990212
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US	5952393	A	19990914	US 1998-22807	19980212
CA	2321750	A1	19990819	CA 1999-2321750	19990212
AU	9932902	A	19990830	AU 1999-32902	19990212
AU	754710	B2	20021121		
EP	1061927	A1	20001227	EP 1999-932475	19990212
	R: CH, DE, ES, GB, LI				
JP	2002502879	T	20020129	JP 2000-531174	19990212
PRAI	US 1998-22807	A	19980212		
	WO 1999-US3003	W	19990212		
RE.CNT	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD			

3 d an ti so pi kwic 1-3

L8 ANSWER 1 OF 3 CA COPYRIGHT 2007 ACS on STN

ANSWER

AN 143:353369 CA
TI Policosanol composition and its use in treatment of hypercholesterolemia
SO U.S. Pat. Appl. Publ., 4 pp.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005220868	A1	20051006	US 2004-813017	20040331
TI Policosanol composition and its use in treatment of hypercholesterolemia				
AB A compn. is provided contg. at least 90% of policosanols obtained from rice bran wax, wherein the policosanols contain from about 25 to about 35% of octacosanol, and its use in providing significant improvements in.				
ST hypocholesterolemic rice bran wax policosanol compn octacosanol				
IT Drug delivery systems (capsules; policosanol compn. and use in treatment of hypercholesterolemia)				
IT Anticholesteremic agents Human Hypercholesterolemia (policosanol compn. and use in treatment of hypercholesterolemia)				
IT Low-density lipoproteins RL: BSU (Biological study, unclassified); BIOL (Biological study) (policosanol compn. and use in treatment of hypercholesterolemia)				
IT Drug delivery systems (powders; policosanol compn. and use in treatment of hypercholesterolemia)				
IT Waxes (rice bran; policosanol compn. and use in treatment of hypercholesterolemia)				
IT Bran (rice, waxes; policosanol compn. and use in treatment of hypercholesterolemia)				
IT Drug delivery systems (solns.; policosanol compn. and use in treatment of hypercholesterolemia)				
IT Drug delivery systems (tablets; policosanol compn. and use in treatment of hypercholesterolemia)				
IT 28346-64-7P, Hexacosanol 28351-05-5P, Triacontanol 52783-45-6P, Tetracosanol 68580-63-2P, Octacosanol 79554-32-8P, Dotriacontanol 142583-61-7P, Policosanol RL: PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				

(policosanol compn. and use in treatment of
hypercholesterolemia)

IT 57-88-5, Cholesterol, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(total; policosanol compn. and use in treatment of
hypercholesterolemia)

L8 ANSWER 2 OF 3 CA COPYRIGHT 2007 ACS on STM

Full Text

AN 134:198116 CA

TI Pharmaceutical composition for reducing serum cholesterol levels comprising phytosterol and policosanol

SO U.S., 3 pp.

CODEN: USXXAM

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6197832	B1	20010306	US 1999-395524	19990914
US 2001034338	A1	20011025	US 2001-789150	20010220

TI Pharmaceutical composition for reducing serum cholesterol levels comprising phytosterol and policosanol

AB A compn. and method for reducing serum cholesterol in humans and animals is provided. The method comprises administering phytosterol and policosanol which together produce a synergistic effect in lowering serum cholesterol levels. Preferably the administered compn. includes about 3.2:1 parts by wt. of phytosterol and policosanol. A tablet contained cholestan (min. 88% phytosterols) 250, rice bran wax (23-33% policosanols) 250, calcium phosphate 261.7, cellulose 49.4, stearic acid 23.8, magnesium stearate 6.8, and silicon dioxide 9.4 mg.

ST pharmaceutical serum cholesterol reducing phytosterol policosanol; antihypercholesterolemic tablet cholestan rice bran wax

IT Alcohols, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(aliph.; pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and policosanol)

IT Rice (Oryza sativa)
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(bran, waxes; pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and policosanol)

IT Anticholesteremic agents
Binders
Buffers
Emulsifying agents
Lubricants
Preservatives
(pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and policosanol)

IT Sterols
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(phyto-; pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and policosanol)

IT Waxes
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(rice bran; pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and policosanol)

IT Bran
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(rice, waxes; pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and policosanol)

IT Drug delivery systems
(tablets; pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and policosanol)

IT Fats and Glyceridic oils, biological studies

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(vegetable; pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and **policosanol**)

IT 57-88-5, Cholesterol, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study) (lowering of, in blood; pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and **policosanol**)

IT 37247-92-0, Cholestatin 142583-61-7, **Policosanol**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(pharmaceutical compn. for reducing serum cholesterol levels comprising phytosterol and **policosanol**)

L8 ANSWER 3 OF 3 CA COPYRIGHT 2007 ACS on STN

Full Text

AN 131:149329 CA

TI Composition for reducing serum cholesterol levels

SO PCT Int. Appl., 10 pp.

CODEN: PIXXD2

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

PI	WO 9940922	A1	19990819	WO 1999-US3003	19990212
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 5952393	A	19990914	US 1998-22807	19980212
	CA 2321750	A1	19990819	CA 1999-2321750	19990212
	AU 9932902	A	19990830	AU 1999-32902	19990212
	AU 754710	B2	20021121		
	EP 1061927	A1	20001227	EP 1999-932475	19990212
	R: CH, DE, ES, GB, LI				
	JP 2002502879	T	20020129	JP 2000-531174	19990212

AB A compn. for reducing serum cholesterol in humans and animals is provided. The compn. includes phytosterol and **policosanol** which together produce a synergistic effect in lowering serum cholesterol levels. Preferably the compn. includes about 3.2:1 parts by wt. of phytosterol and **policosanol**. A tablet contained cholestatin (≥88 % phytosterols) 250, rice bran wax (23-33 % **policosanol**) 250, Ca phosphate 261.7, cellulose 49.4, stearic acid 23.8, Mg stearate 6.8, and silica 9.4 mg.

ST anticholesterolemic tablet phytosterol **policosanol**

IT Rice (*Oryza sativa*)

Rice (*Oryza sativa*)

Rice (*Oryza sativa*)

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(bran, waxes, **policosanol** from; oral formulations contg. phytosterol and **policosanol** for reducing serum cholesterol levels)

IT Drug delivery systems

(capsules, soft; oral formulations contg. phytosterol and **policosanol** for reducing serum cholesterol levels)

IT Drug delivery systems

(capsules; oral formulations contg. phytosterol and **policosanol** for reducing serum cholesterol levels)

IT Anticholesteremic agents

(oral formulations contg. phytosterol and **policosanol** for reducing serum cholesterol levels)

IT Sterols

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (oral formulations contg. phytosterol and **policosanol** for reducing serum cholesterol levels)

IT Waxes

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (rice bran, **policosanol** from; oral formulations contg. phytosterol and **policosanol** for reducing serum cholesterol levels)

levels)
 IT Bran
 Bran
 Bran
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (rice, waxes, **policosanol** from; oral formulations contg.
 phytosterol and **policosanol** for reducing serum cholesterol
 levels)
 IT Drug delivery systems
 (tablets; oral formulations contg. phytosterol and **policosanol**
 for reducing serum cholesterol levels)
 IT Fats and Glyceridic oils, biological studies
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (vegetable, phytosterol from; oral formulations contg. phytosterol and
policosanol for reducing serum cholesterol levels)
 IT 57-88-5, Cholest-5-en-3-ol (3 β)-, biological studies
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
 (Biological study); PROC (Process)
 (blood; oral formulations contg. phytosterol and **policosanol**
 for reducing serum cholesterol levels)
 IT 83-46-5, β -Sitosterol 83-48-7, Stigmasterol 474-62-4, Campesterol
 37247-92-0, Cholestanin
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified); THU
 (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
 (oral formulations contg. phytosterol and **policosanol** for
 reducing serum cholesterol levels)
 IT 142583-61-7, **Policosanol**
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oral formulations contg. phytosterol and **policosanol** for
 reducing serum cholesterol levels)

=> log y

	SINCE FILE	TOTAL
	ENTRY	SESSION
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	40.17	42.10
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-2.19	-2.19

STN INTERNATIONAL LOGOFF AT 18:49:10 ON 27 APR 2007